

Technical Data Sheet



Design:	Power-operated cantilever sliding gate with electro-mechanical drive, control unit, catch post, guide post, end post and gate leaf						
Clear width CW:	3,000 mm – 8,000 mm in 1,000 mm increments						
Distance between posts:	CW + 350 mm						
Gate height:	1,050 mm – 2,050 mm in 200 mm increments, incl. 100 mm ground clearance						
Frame width (FW): (without rubber strip)	CW [mm]	3,000	4,000	5,000	6,000	7,000	8,000
	FW [mm]	4,595	5,875	7,155	8,555	9,995	11,275
Gate infill:	Bar infill made of square hollow section SHS 40x1.5 with 120 mm max. clear distance						
Bottom rail:	Special profile 240 mm high, 102 mm wide (up to 6,000 mm CW) and Special profile 355 mm high, 102 mm wide (from 7,000 mm CW) respectively						
Top rail:	Special profile 62 mm high, 102 mm wide						
Side rails:	Front and rear special profile 100/40						
Reinforcement bars:	Rectangular hollow section RHS 100/40 (from 6,000 mm CW)						
Catch and guide post:	Square hollow section SHS 140x4						
Opening direction:	To the left or to the right (viewed from the outside)						
Lowered foundation:	Top edge of foundation 90 mm below finished floor level						
Emergency operation: during power failure:	Manually following emergency release of drive unit via profile half cylinder and swing handle lock						
Operating speed:	Max. 0.21 m/s (depending on selected speed setting) Up to 0.40 m/s (with optional speed package)						
Drive:	Electric drive 24 V DC, 140 VA, with covered, spring-mounted plastic toothed rack, modulus 5						
Supply voltage:	230 V (1Ph + N + PE), 50 Hz						
Control unit:	Type Basic Deadman (hold-to-run) control With key switch OPEN / CLOSE / STOP on inside/outside control unit in control box mounted to drive housing, control voltage 24 V DC						

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Type Plus Automatic control (maintained command)

With key switch OPEN / CLOSE / STOP on inside/outside

control unit in control box mounted to drive housing, control voltage 24 V DC

Safety devices:

- Two safety edges and force limitation of drive unit to safeguard against the hazards of crushing, shearing and draw-in
- Light beam (2 nos.) for monitoring of passage

Service Intelligence:

PPG Connect IIoT-Hardware

Certification:

TÜV Nord type tested according to EN 13241-1:2003 + A1:2011

Surface gate leaf:

Standard:

Silver anodised (Eloxal E6/EV1)

Optional:

- Aluminium nature
- Wet-painted in standard RAL-colour
- Wet-painted in special RAL-colour

Surface guide and: catch post:

Standard:

Hot-dip galvanised

Optional:

- Hot-dip galvanised and powder-coated in standard RAL-colour
- Hot-dip galvanised and powder-coated in special RAL-colour
(or if required wet-painted to keep colour deviations to a minimum)

Surface end post:

Standard: Hot-dip galvanised

Optional: Hot-dip galvanised and coated in gate colour

Standard colour:

RAL 6005 – moss green, RAL 7016 – anthracite grey, RAL 7030 – stone grey
RAL 7035 – light grey or RAL 9010 – pure white

Special colour:

All other RAL-colours or DB-colours

Temperature range:

-20 °C up to +50 °C

Options:

Serrated top rail (from 1,850 mm gate height), fence connection systems,
key safe in catch or guide post, base plate for catch and/or end post

Control devices (Optional):

Type Basic Deadman (hold-to run) control:

Additional key switch OPEN/CLOSE/STOP, key switch OPEN/CLOSE/
EMERGENCY STOP

Type Plus Automatic control (maintained command):

Induction loops, additional light beam (2 no.), additional key switch
OPEN/CLOSE/STOP, key switch OPEN/CLOSE/EMERGENCY STOP,
table top push button OPEN / CLOSE / STOP, key switch ON / OFF,
key switch partial opening, key switch fire brigade, remote control with
hand held transmitter, timer, code key pad, card reader

Signalling devices (Optional):

Type Basic Deadman control / Type Plus Automatic control

Rotating beacon, Spotlight